

FIG. 1 is a block diagram of a system 100 for providing a service to a subscriber premises 104. The system 100 includes a central office 102, a data modem 110, a filter 132, a filter 134, a caller ID 140, a filter 136, a filter 138, and a subscriber premises 104. The central office 102 is connected to the data modem 110, the filter 132, the filter 134, the caller ID 140, the filter 136, and the filter 138. The data modem 110 is connected to a computer 112. The filter 132 is connected to a telephone 114. The filter 134 is connected to a telephone 116. The caller ID 140 is connected to a telephone 140. The filter 136 is connected to a telephone 118. The filter 138 is connected to a telephone 120. The subscriber premises 104 is connected to the central office 102.

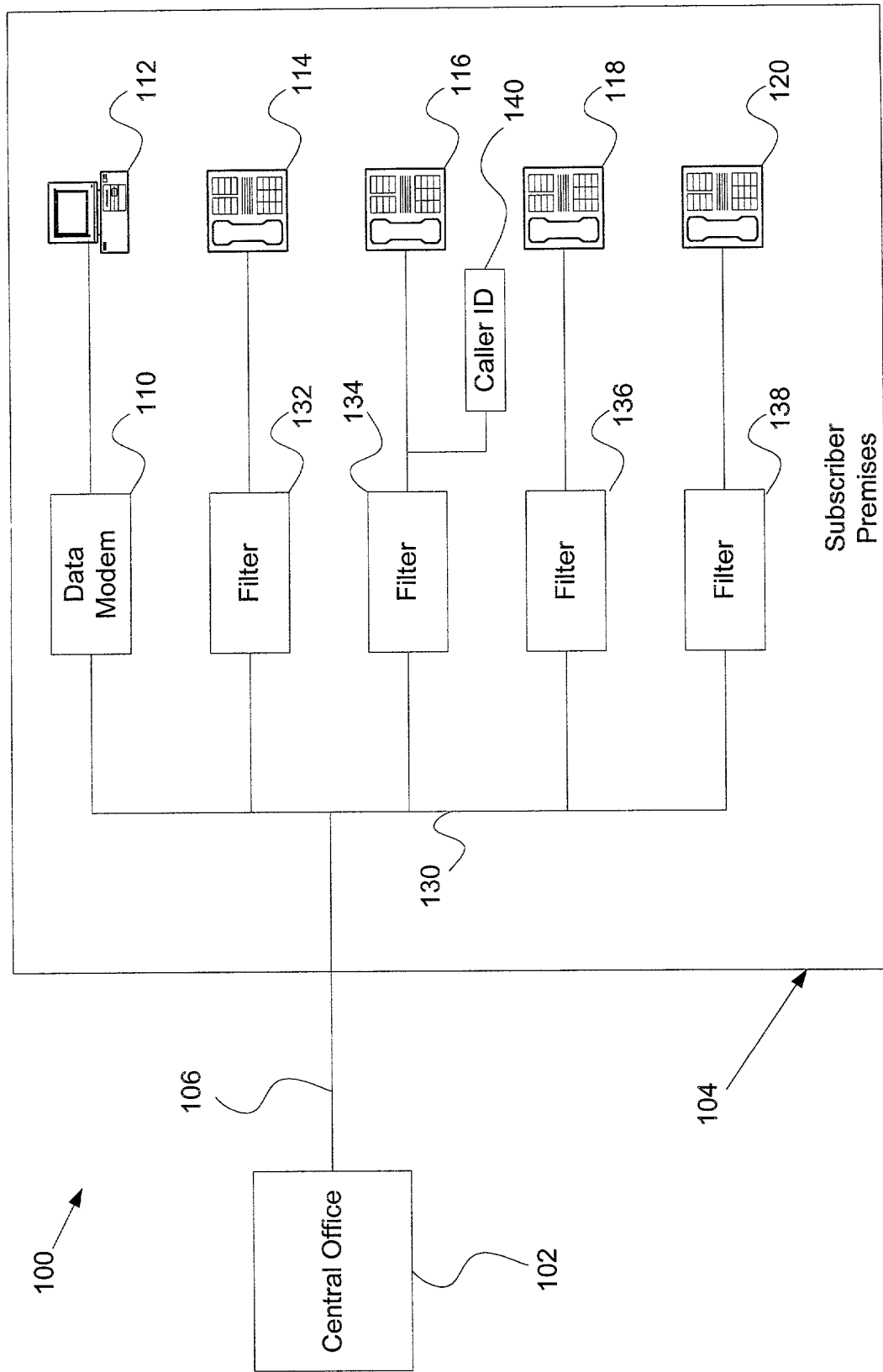


FIG. 1

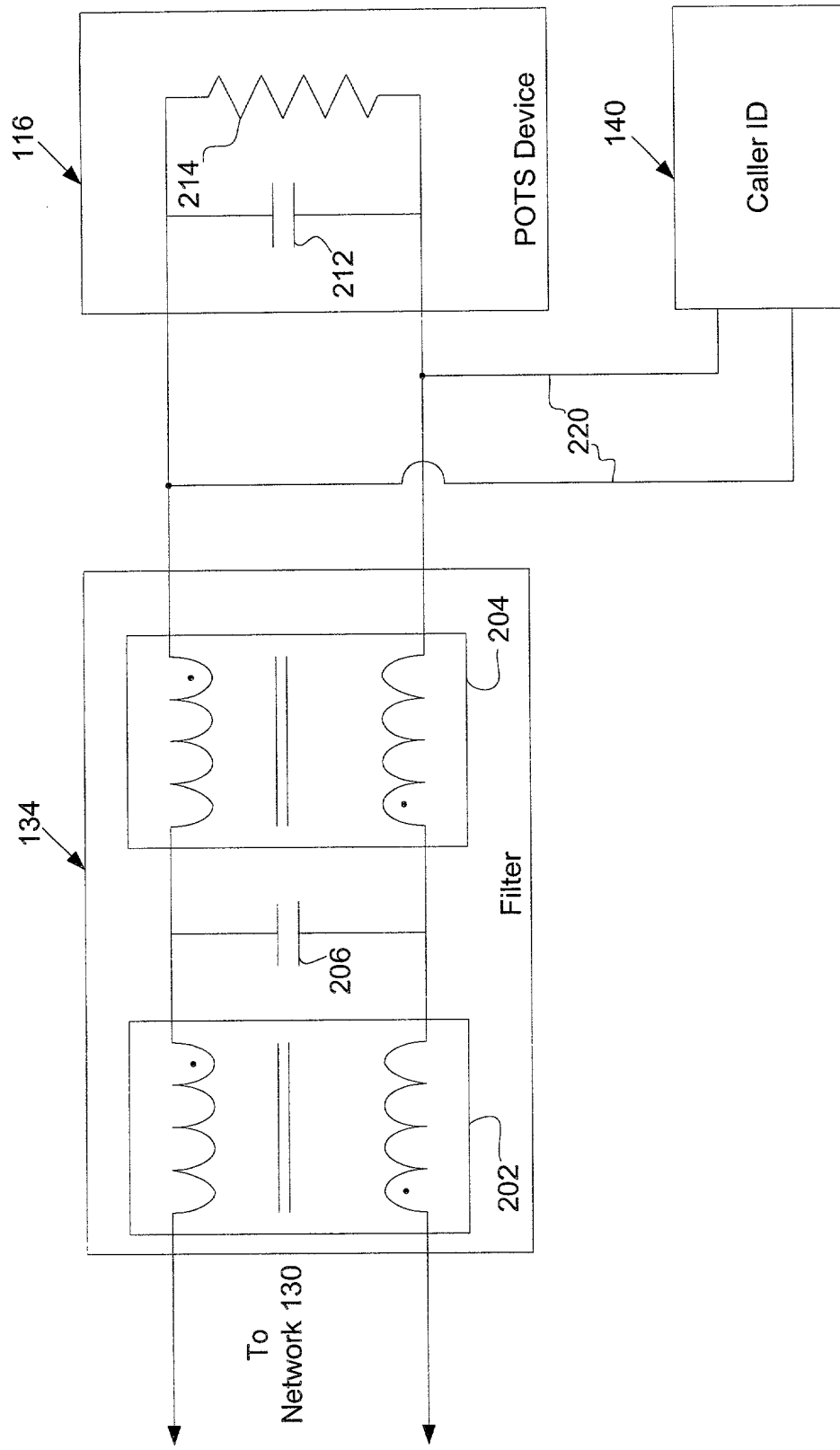


FIG. 2
(Prior Art)

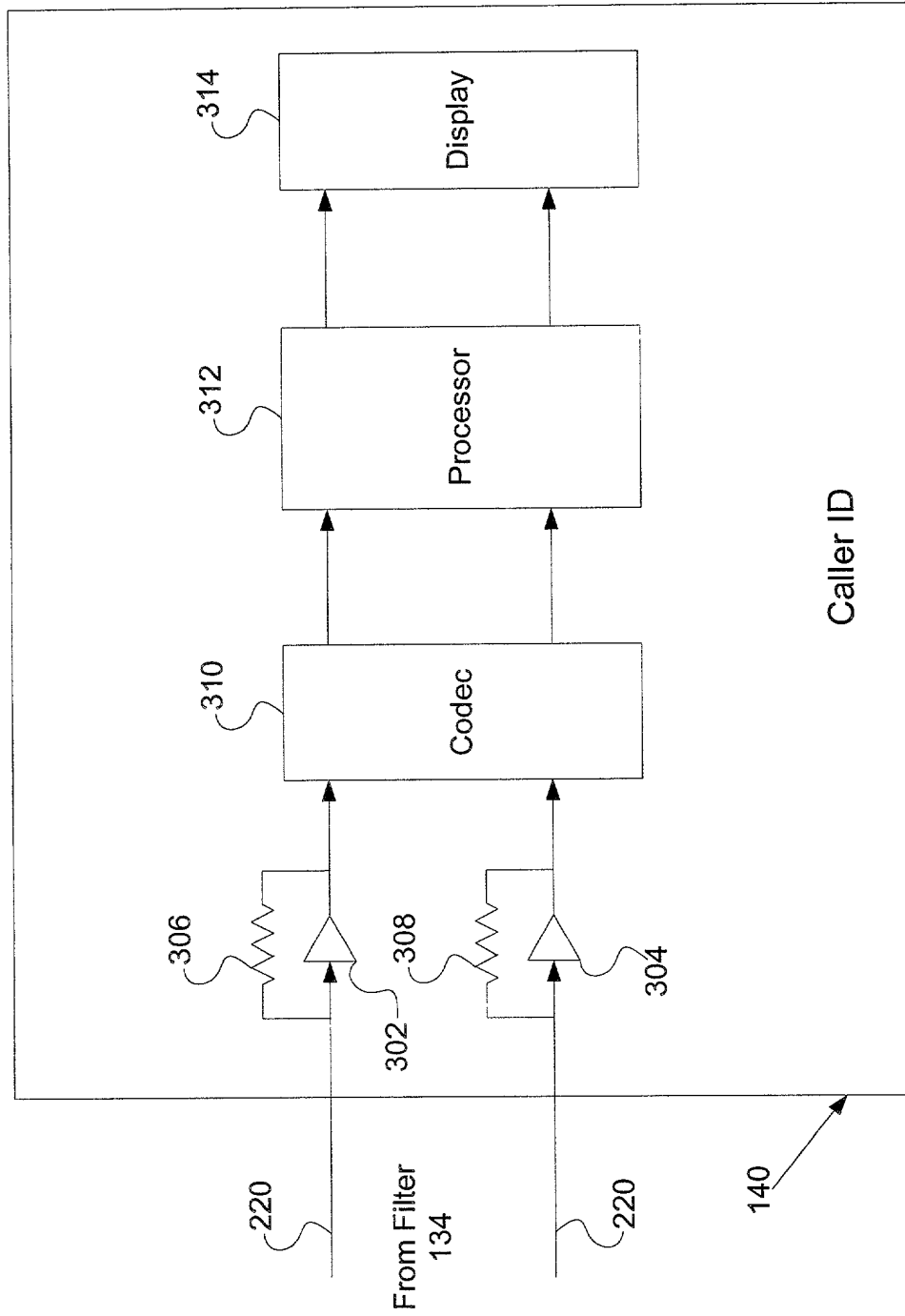


FIG. 3
(Prior Art)

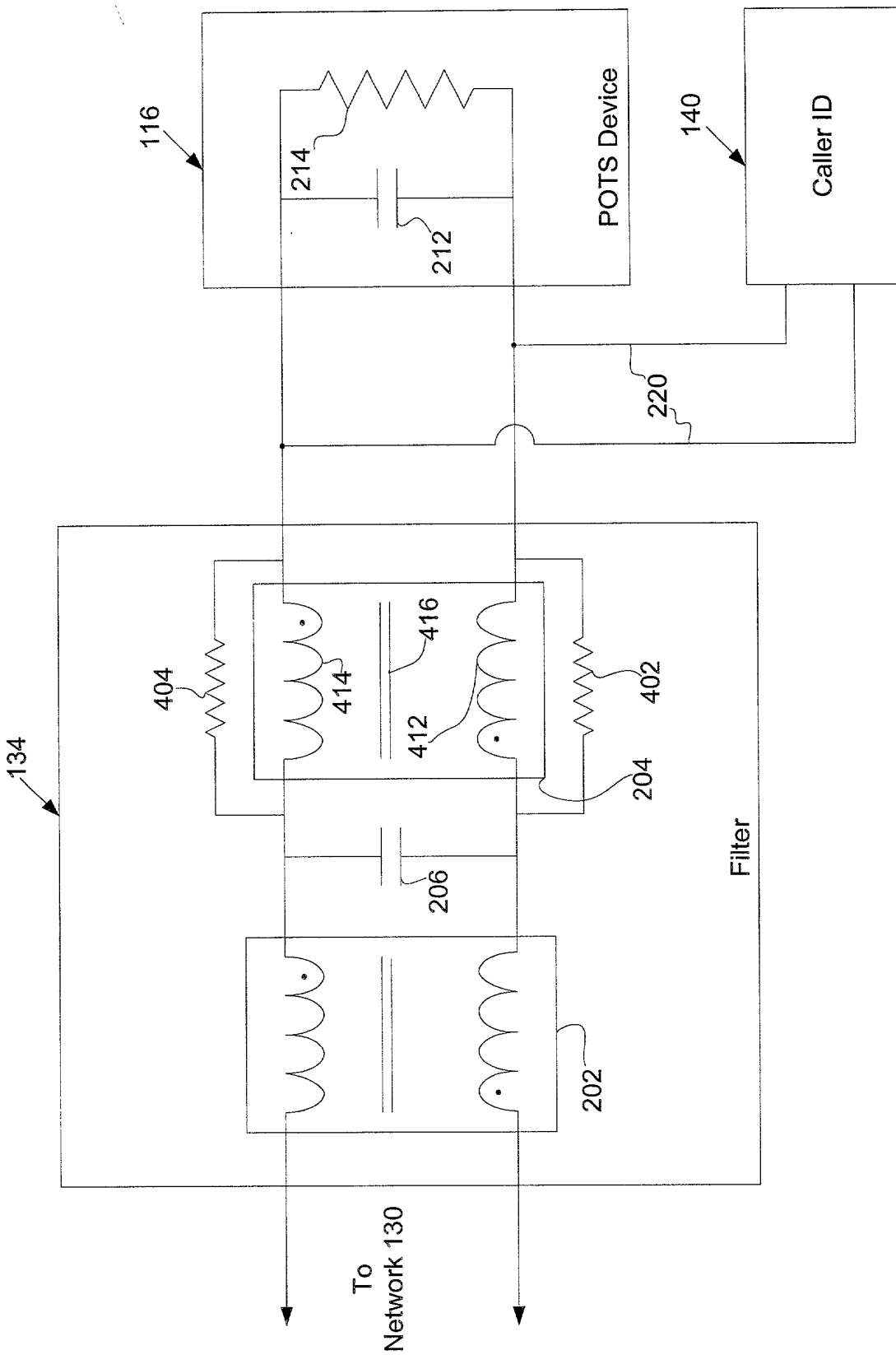


FIG. 4

On_hook Insertion Loss

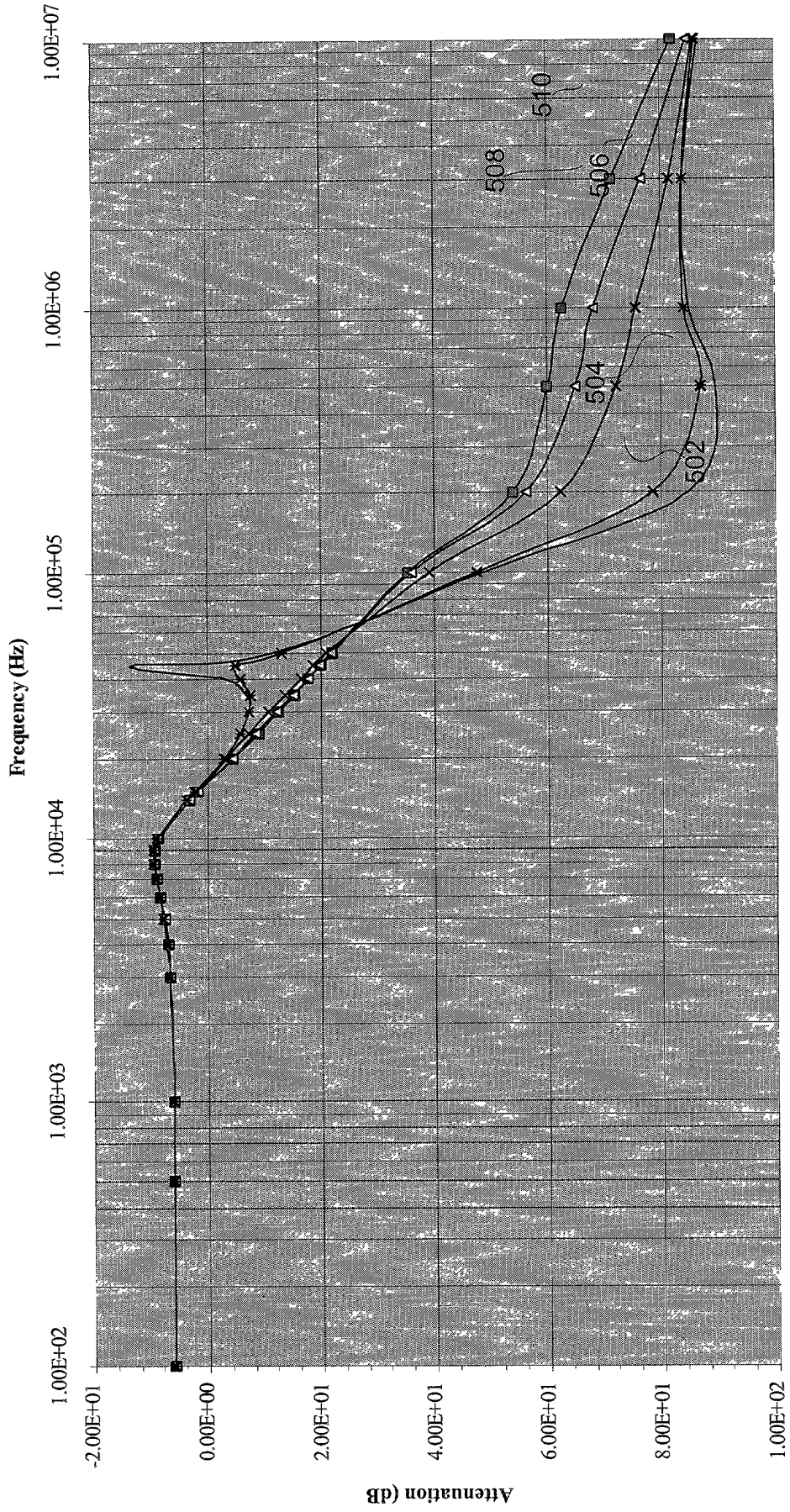


FIG. 5

Off_hook Insertion Loss

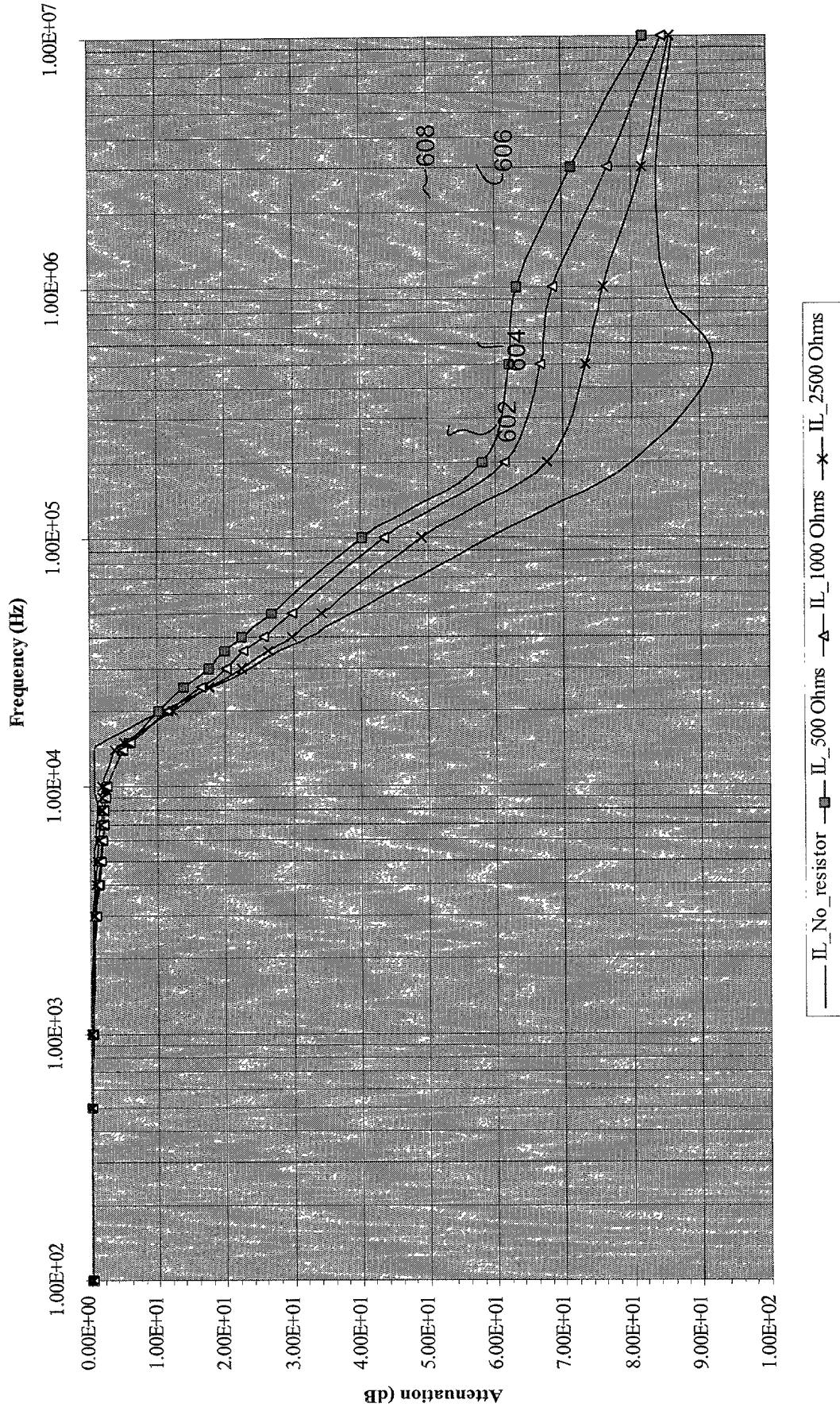


FIG. 6